

181 ATCGTCTCTGAGGATGGAGACTGGTGACCGGTGCTGTCTGAAGTCTCAGGCAGAGAGTAT 240

PRIOR FILING DATE: 2000-09-26
 PRIOR APPLICATION NUMBER: US/60/335,711
 PRIOR FILING DATE: 2000-09-27
 PRIOR APPLICATION NUMBER: US/60/335,720
 PRIOR FILING DATE: 2000-09-27
 PRIOR APPLICATION NUMBER: US/60/335,840
 PRIOR FILING DATE: 2000-09-27
 PRIOR APPLICATION NUMBER: US/60/235,863
 PRIOR FILING DATE: 2000-09-27
 NUMBER OF SEQ ID NOS: 2276
 SOFTWARE: Patent version 3.0
 SEQ ID NO: 499
 LENGTH: 2665
 TYPE: DNA
 ORGANISM: Homo sapiens
 US-09-954-456-499

Query Match 20.3%; Score 159; DB 10; Length 2665;
 Best Local Similarity 54.4%; Pred. No. 9e-39;
 Matches 355; Conservative 0; Mismatches 280; Indels 18; Gaps 1;

QY 13 CCCAGCAGAGAGAAATCTCTGCCAAGCCCAAGCTTGAGTTCTCTGTCAGAGCCAGAGGA 72
 DB 24 CCAAGGAAAAAAGAAATGGGAAACAGCATGAATCCACCTTCGCTGCGGAGAG 83
 QY 73 CCTGTGACCATGGAAGCAGAGAGAGCAAGCCAGCCGCTGGCCCTGGGCAATTTCCG 132
 DB 84 CCCCTGCCAACCCGAGGAGATGATGATGATGATGATGATGATGATGATGATGATGAT 143
 QY 133 GCAGTGGCCCGCCGAGCTGTGCTGAGATGAGAGAGCCGATTTGATGATGATGATGAT 192
 DB 144 TCTCTGACATGAGCCCGGATATTCGCGAGAGGAGAAATGCTGTGATTTCTGAT 203
 QY 193 GATGAGACTGTGTGAGAGCTGTGATGATGATGATGATGATGATGATGATGATGATGAT 252
 DB 204 GAAAGGAGCTGTGAGAGAGATTTCTTTAGCACTGTGTGAGAGAGTTAATCCCTGGA 263
 QY 253 GTCCACGTGGCCAAAGTCTCCATGAGTGTGATGAGAGCCCTGAGAGAGAGAGCA 312
 DB 264 ATATGTGTGCGCAGAGTTTACATGTGTGTGATGAGAGCCCTGGGAGAGAGAGCC 323
 QY 313 GAGGAACTGTGTGTGATGATGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 372
 DB 324 GAGGAGCTGTGAGAGCTGTGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 383
 QY 373 ACCAGAGAGAGCTTTACTCTGTGATGATGATGATGATGATGATGATGATGATGATGAT 432
 DB 384 ACCAAGAAAGGTTTACTCATGTGTGTGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 442
 QY 433 ATCAGACACTAGAGATCCATGCTGCTGATGATGATGATGATGATGATGATGATGATGAT 492
 DB 426 GTAAAGCATTAACGCAATTTTCGCTGCGAAGCAATGTGATTAATTTCCCGAGGCTC 485
 QY 493 ACCCTTCCCTGATTCAGAGCCCTGTGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 552
 DB 486 ACCCTTCCAGTGTGAG 545
 QY 553 TGCTACTCAAG 612
 DB 546 TGTGTGTGACAG 605
 QY 613 CCCCTACTGTGATGAG 665
 DB 606 AGCTCACTGTGATGAG 658

RESULT 5
 US-10-002-600-91
 Sequence 91, Application US/10002600
 Patent No. US2002013707A1
 GENERAL INFORMATION:
 APPLICANT: Hopkin, Christopher M.
 APPLICANT: Peterson, David P.

APPLICANT: Cocks, Benjamin G.
 APPLICANT: Hawkins, Phillip R.
 TITLE OF INVENTION: GENES REGULATED IN ACTIVATED T CELLS
 FILE REFERENCE: PA-0042 US
 CURRENT APPLICATION NUMBER: US/10/002,600
 PRIOR FILING DATE: 2001-10-25
 PRIOR APPLICATION NUMBER: 60/243,521
 PRIOR FILING DATE: 2000-10-25
 NUMBER OF SEQ ID NOS: 116
 SOFTWARE: PERL Program
 SEQ ID NO: 91
 LENGTH: 3756
 TYPE: DNA
 ORGANISM: Homo sapiens
 FEATURE:
 NAME/KEY: misc.feature
 OTHER INFORMATION: Template ID: 059263.15
 US-10-002-600-91

Query Match 20.3%; Score 159; DB 12; Length 3756;
 Best Local Similarity 54.4%; Pred. No. 9.5e-39;
 Matches 355; Conservative 0; Mismatches 280; Indels 18; Gaps 1;

QY 13 CCCAGCAGAGAGAAATCTCTGCCAAGCCCAAGCTTGAGTTCTCTGTCAGAGCCAGAGGA 72
 DB 1098 CCAAGGAAAAAAGAAATGGGAAACAGCATGAATCCACCTTCGCTGCGGAGAGAG 1157
 QY 73 CCTGTGACCATGGAAGCAG 132
 DB 1158 CCCCTGCCAACCCGAGGAGATGATGATGATGATGATGATGATGATGATGATGATGAT 1217
 QY 133 GCAGTGGCCCGCCGAGCTGTGCTGAGATGAGAGAGCCATTTGATGATGATGATGAT 192
 DB 1218 TCTCTGACATGAGCCCGGATATTCGCGAGAGGAGAAATGCTGTGATTTCTGAT 1277
 QY 193 GATGAGACTGTGTGAG 252
 DB 1278 GAAAGGAGCTGTGTGAG 1337
 QY 253 GTCCACGTGGCCAAAGTCTCCATGAGTGTGATGAGAGAGAGAGAGAGAGAGAGAGAG 312
 DB 1338 ATATGTGTGCGCAGAGTTTACATGTGTGTGATGAGAGCCCTGGGAGAGAGAGCC 1397
 QY 313 GAGGAACTGTGTGTGATGATGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 372
 DB 1398 GAGGAGCTGTGAG 1457
 QY 373 ACCAGAGAGAGCTTTACTCTGTGATGATGATGATGATGATGATGATGATGATGATGAT 432
 DB 1458 ACCAAGAAAGGTTTACTCATGTGTGTGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1499
 QY 433 ATCAGACACTAGAGATCCATGCTGCTGATGATGATGATGATGATGATGATGATGATGAT 492
 DB 1500 GTAAAGCATTAACGCAATTTTCGCTGCGAAGCAATGTGATTAATTTCCCGAGGCTC 1559
 QY 493 ACCCTTCCCTGATTCAGAGCCCTGTGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 552
 DB 1560 ACCCTTCCAGTGTGAG 1619
 QY 553 TGCTACTCAAG 612
 DB 1620 TGTGTGTGACAG 1679
 QY 613 CCCCTACTGTGATGAG 665
 DB 1680 AGCTCACTGTGATGAG 1732

RESULT 6
 US-09-864-761-2829
 Sequence 2829, Application US/09864761
 Patent No. US20020048763A1
 GENERAL INFORMATION:

APPLICANT: Penn, Sharon G.
APPLICANT: Rank, David R.
APPLICANT: Hanzel, David K.
APPLICANT: Chen, Wenheng
TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR
TITLE OF INVENTION: GENE EXPRESSION ANALYSIS BY MICROARRAY
FILE REFERENCE: Aecm1ca-X-1
CURRENT APPLICATION NUMBER: US/09/864,761
PRIOR FILING DATE: 2001-05-23
PRIOR APPLICATION NUMBER: US 60/180,312
PRIOR FILING DATE: 2000-02-04
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: US 09/632,366
PRIOR FILING DATE: 2000-08-03
PRIOR APPLICATION NUMBER: GB 24263,6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00662
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00661
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00670
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: US 60/234,687
PRIOR FILING DATE: 2000-09-21
PRIOR APPLICATION NUMBER: US 09/608,408
PRIOR FILING DATE: 2000-06-30
PRIOR APPLICATION NUMBER: US 09/774,203
PRIOR FILING DATE: 2001-01-29
NUMBER OF SEQ ID NOS: 49117
SOFTWARE: Annomax Sequence Listing Engine vers. 1.1
SEQ ID NO 2829
LENGTH: 432
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
OTHER INFORMATION: MAP TO AL031662.24
OTHER INFORMATION: EXPRESSED IN PLACENTA, SIGNAL = 2.1
OTHER INFORMATION: EXPRESSED IN ADULT LIVER, SIGNAL = 2.1
OTHER INFORMATION: EXPRESSED IN BT474, SIGNAL = 2.4
OTHER INFORMATION: EXPRESSED IN HELA, SIGNAL = 1.9
OTHER INFORMATION: EXPRESSED IN HELM00, SIGNAL = 2.1
OTHER INFORMATION: EXPRESSED IN HEART, SIGNAL = 1.9
OTHER INFORMATION: EXPRESSED IN FETAL LIVER, SIGNAL = 2
OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL = 2.3
OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL = 1.7
OTHER INFORMATION: EXPRESSED IN BONE MARROW, SIGNAL = 2.3
US-09-864-761-2829

Query Match 18.1%; Score 141.8; DB 10; Length 432;
Best Local Similarity 95.4%; Pred. No. 1.2e-33;
Matches 146; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

515 TGGAGCCATTACTGAGCTGGCGATGACATCTGCTGCTACTCAAGAGCCCTGTG 574
Db 253 TGGAGCTCTCTCTCAGAGCTGGCGATGACATCTGCTGCTACTCAAGAGCCCTGTG 312

575 TCTCGAGAGGAGCTGGCCCTCTCTCGCAGAGATATACCCCTACTGTGAGAGA 634
Db 313 TCTCGAGAGGAGCTGGCCCTCTCTCGCAGAGATATACCCCTACTGTGAGAGA 372
635 GGACACCACTCACTGGAAGAGCTGACAGCT 667
Db 373 GGACACCACTCACTGGAAGAGCTGACAGCT 405

RESULT 7
US-09-864-761-15513
Sequence 15513, Application US/09864761
Patent No. US20020048763A1
GENERAL INFORMATION:
APPLICANT: Penn, Sharon G.
APPLICANT: Rank, David R.
APPLICANT: Hanzel, David K.
APPLICANT: Chen, Wenheng
TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR
TITLE OF INVENTION: GENE EXPRESSION ANALYSIS BY MICROARRAY
FILE REFERENCE: Aecm1ca-X-1
CURRENT APPLICATION NUMBER: US/09/864,761
CURRENT FILING DATE: 2001-05-23
PRIOR APPLICATION NUMBER: US 60/180,312
PRIOR FILING DATE: 2000-02-04
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: US 09/632,366
PRIOR FILING DATE: 2000-08-03
PRIOR APPLICATION NUMBER: GB 24263,6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00662
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00661
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00670
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: US 60/234,687
PRIOR FILING DATE: 2000-09-21
PRIOR APPLICATION NUMBER: US 09/608,408
PRIOR FILING DATE: 2000-06-30
PRIOR APPLICATION NUMBER: US 09/774,203
PRIOR FILING DATE: 2001-01-29
NUMBER OF SEQ ID NOS: 49117
SOFTWARE: Annomax Sequence Listing Engine vers. 1.1
SEQ ID NO 15513
LENGTH: 448
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
OTHER INFORMATION: MAP TO AL031662.24
OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL = 1.8
OTHER INFORMATION: EXPRESSED IN HELA, SIGNAL = 3.1
US-09-864-761-15513

Query Match 18.1%; Score 141.8; DB 10; Length 448;
Best Local Similarity 95.4%; Pred. No. 1.2e-33;

Matches 146; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

Qy 515 TGGTGACCATTAATCTGAGCTGGCGATGATCTGCTCTACTCAAGAGCCCTGTG 574
Db 269 TGGAGGCTCTTCTCCAGAGCTGCGATGATCTGCTCTACTCAAGAGCCCTGTG 328

Qy 575 TCCGTGAGAGGCTGCGCCGCTGCGAGGATATACCCCTACTGCTGATGTGGAGA 634
Db 329 TCCGTGAGAGGCTGCGCCGCTGCGAGGATATATCCCTACTGCTGATGTGGAGA 388

Qy 635 GGAACCACTCACTGGAAGAGCTGAGACCT 667
Db 389 GGACACCACTCACTGGAAGAGCTGAGACCT 421

RESULT 8
US-09-954-456-1983
Sequence 1983, Application US/09954456
Patent No. US20020115057A1
GENERAL INFORMATION:
APPLICANT: Young, Paul
TITLE OF INVENTION: Process for Identifying Anti-Cancer Therapeutic Agents Using Canc
FILE OF INVENTION: Sets
FILE REFERENCE: 689290-76
CURRENT APPLICATION NUMBER: US/09/954,456
PRIOR FILING DATE: 2001-09-18
PRIOR APPLICATION NUMBER: US/60/233,617
PRIOR FILING DATE: 2000-09-18
PRIOR APPLICATION NUMBER: US/60/234,052
PRIOR FILING DATE: 2000-09-20
PRIOR APPLICATION NUMBER: US/60/234,923
PRIOR FILING DATE: 2000-09-25
PRIOR APPLICATION NUMBER: US/60/235,134
PRIOR FILING DATE: 2000-09-25
PRIOR APPLICATION NUMBER: US/60/235,637
PRIOR FILING DATE: 2000-09-26
PRIOR APPLICATION NUMBER: US/60/235,638
PRIOR FILING DATE: 2000-09-26
PRIOR APPLICATION NUMBER: US/60/235,711
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: US/60/235,720
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: US/60/235,840
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: US/60/235,863
PRIOR FILING DATE: 2000-09-27
NUMBER OF SEQ ID NOS: 2276
SOFTWARE: PatentIn version 3.0
SEQ ID NO 1983
LENGTH: 2015
TYPE: DNA
ORGANISM: Homo sapiens
US-09-954-456-1983

Query Match 15.9%; Score 124.6; DB 10; Length 2015;
Best Local Similarity 54.1%; Pred. No. 2,5e-28;
Matches 284; Conservative 0; Mismatches 229; Indels 12; Gaps 1;

Qy 60 CCAAGGCCAGGAGCTGTGACCTGAGAGCAGAGAGAGAGAGGCCACGCCGTGCTT 119
Db 303 CAAAGCAGACACACAGGAATTCAGAGGAGCAGCTCTGAGAGATATCTGTGGTGGCCCT 362

Qy 120 GGGCAGTTTCCCGCAGGTGAGCCCGCCAGAGCTGCTGAGACTGTGGGAGAGCCATTGAC 179
Db 363 GTATGATTCAGAGGCAATTCACCAAGAGAGACTCAGCTTCCAAAGGGGAGACAGATGAT 422

Qy 180 CATGCTCTCTGAGATGAGATCTGTGAGAGCTGTCTGTCTGAAGTTCAGGAGAGATGTA 239
Db 423 GGTCTTGAAGAGATCTGGGAGATGTGAGAGGCTGTGATCTGTGGCTCACCCGAGAGAGAG 482

Qy 240 TAAACATCCCAAGCCTGACGCTGGCCAAAGTCTCCAT-----GGGTGGCTGTA 287
Db 483 CTACATCCCAAGCAATATGTGCTGGCGGCTTGAATCTCTGAGAGAGAGAGTGTGTTT 542

Qy 288 TGAAGGCTTGAGCAGGAG 347
Db 543 CAAAGGAGATCAGCCGAG 602

Qy 348 GGCCTTTCATTCGGGAG 407
Db 603 CTCCTTTCATTCGGGAG 662

Qy 408 CAGCCGCTTCATCTCGAG 467
Db 663 CTACAGAGCTTCGAG 722

Qy 468 CTGGCTGTACATCTCAG 527
Db 723 GGCCTTTCATTCGGGAG 782

Qy 528 CTCTGAGCTGCGGAGATGATCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 572
Db 783 CAAAGAGGAG 827

RESULT 9
US-09-967-768A-300
Sequence 300, Application US/09967768A
Patent No. US20020115087A1
GENERAL INFORMATION:
APPLICANT: Augustus, Meena
TITLE OF INVENTION: Cancer Gene Determination and Therapeutic Screening Using Signatu
FILE OF INVENTION: Sets
FILE REFERENCE: 689290-72
CURRENT APPLICATION NUMBER: US/09/967,768A
PRIOR FILING DATE: 2001-09-28
PRIOR APPLICATION NUMBER: US/60/236,109
PRIOR FILING DATE: 2000-09-28
PRIOR APPLICATION NUMBER: US/60/236,034
PRIOR FILING DATE: 2000-09-28
PRIOR APPLICATION NUMBER: US/60/236,111
PRIOR FILING DATE: 2000-09-28
NUMBER OF SEQ ID NOS: 325
SOFTWARE: PatentIn version 3.0
SEQ ID NO 300
LENGTH: 2354
TYPE: DNA
ORGANISM: Homo sapiens
US-09-967-768A-300

Query Match 14.3%; Score 111.6; DB 10; Length 2354;
Best Local Similarity 56.5%; Pred. No. 2.4e-24;
Matches 235; Conservative 0; Mismatches 169; Indels 12; Gaps 1;

Qy 193 GATGAGAGCTGTGAG 252
Db 478 GAGGAGAGCTGTGAG 537

Qy 253 GTTCACCTGCGCAAGT-----CTCCATGAGGTGCTGTATAGAGGCTGTAGAC 300
Db 538 AACTACGTGCGCCCTGTGATCAATCCAAAGCTGAAGATGTGATCTTGGAGAGATTTGGG 597

Qy 301 AGGAG 360
Db 598 AGAAGAGATGAG 657

Qy 361 CCGGAG 420
Db 658 CCGGAG 717

Qy 421 TCCGTGAG 480
Db 718 AGAGGAGATGATGAG 777

Qy 481 TCAGCGGCGCTCACTTCCCTCACTCCAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 540

Db 778 ACCACAGGGTTGAGTTCAGTCCGTCGAGAGAGTGTGAGCAGTACATGAGAGTGAAT 837
QY 541 GATACATCTGTGCTGCTACTACAGAGAGCCCTGTGTGTCGAGAGGGGTGGCCGCT 596
Db 838 GACGGGCTGTGCAACCTGTCTATGCGCCCTGTGACATCATGAAAGCCGAGAGCT 893

RESULT 10

US-09-917-800A-1611
; Sequence 1611, Application US/09917800A
; Patent No. US20020119462A1
; GENERAL INFORMATION:
; APPLICANT: Mendrick, Donna
; APPLICANT: Porter, Mark
; APPLICANT: Johnson, Kory
; APPLICANT: Castle, Arthur
; APPLICANT: Elashoff, Michael
; APPLICANT: Gene Logic, Inc.
; TITLE OF INVENTION: Molecular Toxicology Modeling
; FILE REFERENCE: 44921-5038-US
; CURRENT APPLICATION NUMBER: US/09/917,800A
; CURRENT FILING DATE: 2001-07-31
; PRIOR APPLICATION NUMBER: US 60/222,040
; PRIOR FILING DATE: 2000-07-31
; PRIOR APPLICATION NUMBER: US 60/222,880
; PRIOR FILING DATE: 2000-11-02
; PRIOR APPLICATION NUMBER: US 60/290,029
; PRIOR FILING DATE: 2001-05-11
; PRIOR APPLICATION NUMBER: US 60/290,645
; PRIOR FILING DATE: 2001-05-15
; PRIOR APPLICATION NUMBER: US 60/292,336
; PRIOR FILING DATE: 2001-05-22
; PRIOR APPLICATION NUMBER: US 60/295,798
; PRIOR FILING DATE: 2001-06-06
; PRIOR APPLICATION NUMBER: US 60/297,457
; PRIOR FILING DATE: 2001-06-13
; PRIOR APPLICATION NUMBER: US 60/298,884
; PRIOR FILING DATE: 2001-06-19
; PRIOR APPLICATION NUMBER: US 60/303,459
; PRIOR FILING DATE: 2001-07-09
; NUMBER OF SEQ ID NOS: 1740
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO: 1611
; LENGTH: 1911
; TYPE: DNA
; ORGANISM: Rattus norvegicus
; FEATURE:
; OTHER INFORMATION: Genbank Accession No. US20020119462A1 NM_013185
US-09-917-800A-1611

Query Match 13.1%; Score 102.8; DB 10; Length 1911;
Best Local Similarity 52.4%; Pred. No. 1.1e-21;
Matches 258; Conservative 0; Mismatches 222; Indels 12; Gaps 1;

QY 104 CCACGCGCGTGGCCCTGGGAGATTCCCGGAGAGTGGCCCGGCGAGCTGTGCTGAGAC 163
Db 356 CCATTGTGTGCGACTGTACGCTTAGGCGCATTCACCTGAGAGACCTCAGCTTCAGAA 415
QY 164 TCGGGAGACCATTCAGCATCTCTCTGAGATGAGAGATGAGAGCGTGTCTGGAAG 223
Db 416 AGGAGACAGATGTGTGCTTCTGAGAGAGTGTGGAGATGTGTGAGAGGCGCTTCCCTGG 475
QY 224 TCTCAGCAGAGATTAACATCCCGACGTCACGTCGCGAAAGT-----CT 271
Db 476 CTACCAAGAAAGAGGCTATATCCAGACCAATTTATGACTGAGTTAACTCTTTGAGAA 535
QY 272 CCATGAGTGTGCTGTATGAGGGCTCAGACAGAGAGAAAGCAGAGAACTCTGTTTAC 331
Db 536 CTGAGAGATGTGTCTTCAAGGGTATCAGCCGAGAGATGACAGAGCCACCTCTGGCTC 595
QY 332 CTGGGAACCTCGAGGGGGCTTCTCATCGGGAGAGCCAGACCAAGAGAGGCTTTACT 391
Db 596 CCGGAGACATCTGTGGGCTCTTCTCATGATCCGGAGACAGTGAACCAACAAAGGAGCTACT 655

QY 392 CTCGTGCACTCCGCTCAGCCGCTGATCTGAGACCGGATCAGACATACAGATCC 451
Db 656 CACTTCTGTGAGACCTTTGAGACCCGACAGAGACAGGAGAGCATATATTAATTC 715
QY 452 ACTGCTTGAAGAGGCTGTGATCATCTCAGCGGCTCAGCTTCCCTCACTCCAG 511
Db 716 GAGACTGACAGCTGTGAGAGGTTCTACATCTTCTCCGAGAGACCTTCAGAGCTGAG 775
QY 512 CCTGTGTGACCATTCATCTGAGCTGCGAGATGACATCTGTGCTTACTCAGAGACCT 571
Db 776 AACTGTCTCCATCACAAGAGGGAGATGGGCTCTGCGAGAGCTGTCACTGCTCT 835
QY 572 GTGTCTCGCAG 583
Db 836 GTGTCTCTCGA 847

RESULT 11

US-09-864-761-19612
; Sequence 19612, Application US/09864761
; Patent No. US20020048763A1
; GENERAL INFORMATION:
; APPLICANT: Penn, Sharon G.
; APPLICANT: Rank, David R.
; APPLICANT: Hanzel, David K.
; APPLICANT: Chen, Wenheng
; TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR
; FILE REFERENCE: Aemica-X-1
; CURRENT APPLICATION NUMBER: US/09/864,761
; CURRENT FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/180,312
; PRIOR FILING DATE: 2000-02-04
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 09/632,366
; PRIOR FILING DATE: 2000-08-03
; PRIOR APPLICATION NUMBER: GB 24263,6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-06-30
; PRIOR APPLICATION NUMBER: US 09/608,408
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 09/774,203
; NUMBER OF SEQ ID NOS: 49117
; SOFTWARE: Anomax Sequence Listing Engine vers. 1.1
; SEQ ID NO: 19612
; LENGTH: 96
; TYPE: DNA

ORGANISM: Homo sapiens

FEATURE: MAP TO AL031662.24
OTHER INFORMATION: EXPRESSED IN PLACENTA, SIGNAL = 2.1
OTHER INFORMATION: EXPRESSED IN ADULT LIVER, SIGNAL = 2.1
OTHER INFORMATION: EXPRESSED IN BT474, SIGNAL = 2.4
OTHER INFORMATION: EXPRESSED IN HELA, SIGNAL = 1.9
OTHER INFORMATION: EXPRESSED IN HBL100, SIGNAL = 2.1
OTHER INFORMATION: EXPRESSED IN HEART, SIGNAL = 1.9
OTHER INFORMATION: EXPRESSED IN FETAL LIVER, SIGNAL = 2
OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL = 2.3
OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL = 2.3
OTHER INFORMATION: EXPRESSED IN BONE MARROW, SIGNAL = 2.3
OTHER INFORMATION: NT HIT: AF000716.1, EVALUATE 1.70e-01
OTHER INFORMATION: EST_HUMAN HIT: A1125308.1, EVALUATE 2.10e-01
US-09-864-761-19612

Query Match 12.3%; Score 96; DB 10; Length 96;
Best Local Similarity 100.0%; Pred. No. 7.8e-20;
Matches 96; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Oy 570 CTGTGCTCTGAGAGGGCTGCCCTCCCTGGCAAGATATACCCCTACCTGTGACTGT 629
Db 1 CTGTGCTCTGAGAGGGCTGCCCTCCCTGGCAAGATATACCCCTACCTGTGACTGT 60

Oy 630 GCAGAGACACCACTCACTGGAAGAGCTTGACAG 665
Db 61 GCAGAGACACCACTCACTGGAAGAGCTTGACAG 96

RESULT 12
US-09-771-161A-4
; Sequence 4, Application US/09771161A
; Patent No. US20020110811A1
; GENERAL INFORMATION:

APPLICANT: LEVINE, et al.
TITLE OF INVENTION: VARIANTS OF PROTEIN KINASES
FILE REFERENCE: 802620-2005.1
CURRENT APPLICATION NUMBER: US/09/771.161A

PRIOR FILING DATE: 2001-01-26
PRIOR FILING DATE: 2000-11-28
PRIOR APPLICATION NUMBER: 09/724,676

PRIOR FILING DATE: 2000-06-15
PRIOR APPLICATION NUMBER: 135619
PRIOR FILING DATE: 2000-04-12

NUMBER OF SEQ ID NOS: 273
SOFTWARE: PatentIn version 3.0
SEQ ID NO 4
LENGTH: 2451

TYPE: DNA
ORGANISM: Homo sapiens
NAME/KEY: -

LOCATION: (1) ..(2451)
OTHER INFORMATION: "n" can be any nucleotide 'a', 'c', 'g' or 't'.
US-09-771-161A-4

Query Match 11.6%; Score 91.2; DB 10; Length 2451;
Best Local Similarity 55.8%; Pred. No. 3.8e-18;
Matches 221; Conservative 1; Mismatches 159; Indels 15; Gaps 2;

Oy 148 GAGCTGCTGCTGAGACTCGGGGAGCCATTGACATCTCTCTAGAGATGAGACTGTGTG 207
Db 814 GAGCTGCTGCTGAGACTCGGGGAGCCATTGACATCTCTCTAGAGATGAGACTGTGTG 873

Oy 208 ACGGTCTGTCTGAAGCTCAGGACAGAGATTAATCCCAAGCGCTCAGTGGCCAAA 267
Db 874 CTGGCCAGGTACTCTCTCAGAGAGAGAGCTTATGTGCCAGTAATCTTTGTGCCCA 933

Oy 268 GTCT-----CCATGGGTGCTGTATAGAGGCTTGAGCAGGAGAAAGCAG 315
Db 934 GTGAGAGCTTGAAATGAAAGGTGTCTTTAGATCAAGGCTCGAAGAGGCTGAG 993

Oy 316 GAACCTGTTGTTTACCTGGGAACCTTGAGGGGCTTCTCCTATCCGGAGAGCCAGACC 375
Db 994 AGCAGCTTCTTGCTCCCAATCAACAGAGCCGGCTCTTTCTTATCAGAGAGTGAAGAAC 1053

Oy 376 AGAGAGGCTCTTACTCTCTGTCTGATCCGCTCAGCCGCTCGATCCTGGAGCCGATC 435
Db 1054 AAGAAAGTGGCTTCTCTCTGTCTGTAAGAGATGTCAACCCAGG--GGAGCTGATC 1110

Oy 436 AGACACTACAGATTCACACTGCTTGAACAATGCTGCTGTGATCTCAACCGGCTTACC 495
Db 1111 AAGCACTATAGATTCGCTGCTGATGAGGGGCTTACTACATCTCCCGGATCACC 1170

Oy 496 TTCCCTCCTCCAGGCGCTGGTGAACCATTAATCT 531
Db 1171 TTCCCTCCTCCAGGCGCTGGTGAACCATTAATCT 1206

RESULT 13
US-09-771-161A-30
; Sequence 30, Application US/09771161A
; Patent No. US20020110811A1
; GENERAL INFORMATION:

APPLICANT: LEVINE, et al.
TITLE OF INVENTION: VARIANTS OF PROTEIN KINASES
FILE REFERENCE: 802620-2005.1
CURRENT APPLICATION NUMBER: US/09/771.161A

PRIOR FILING DATE: 2001-01-26
PRIOR FILING DATE: 2000-11-28
PRIOR APPLICATION NUMBER: 09/724,676

PRIOR FILING DATE: 2000-06-15
PRIOR APPLICATION NUMBER: 135619
PRIOR FILING DATE: 2000-04-12

NUMBER OF SEQ ID NOS: 273
SOFTWARE: PatentIn version 3.0
SEQ ID NO 30
LENGTH: 1609

TYPE: DNA
ORGANISM: Homo sapiens
US-09-771-161A-30

Query Match 11.6%; Score 91; DB 10; Length 1609;
Best Local Similarity 56.5%; Pred. No. 4.1e-18;
Matches 169; Conservative 0; Mismatches 130; Indels 0; Gaps 0;

Oy 275 ATGGGTGCTGTATGAGGGCTGAGCAGAGAGAAAGCAGAGAGACTGCTGTACTCTG 334
Db 1018 AAGATGTGTTCTTTGAAAACTTGGCCGAAAGATGTGAGCAGAGCTATTGCTTTG 1077

Oy 335 GGAACCTTGAGGGGCTTCTCATTCGGGAGAGCCAGACAGAGAGCTTTACTCTTC 394
Db 1078 GAAACCCAAAGAGTACTTTTATCCCGAGAGTAAACCAACAAAGGTGCTATTAC 1137

Oy 395 TGTCAATCCGCTCAGCCGCTCGATCTGAGGCGGATGAGTGAACATCACTACAGATCCACT 454
Db 1138 TTTCTATCCGATGTGAGATGATATGAAGAGAGACCATGTCAACATTTAATAATTCGA 1197

Oy 455 GCGTTGAATATGCTGCTGATCATCTCAACCGGCTCACTTTCCCTCACTCCAGGCC 514
Db 1198 AACTTGAATATGCTGATCATCTCAACCGGCTCACTTTCCCTCACTCCAGGCC 1257

Oy 515 TGGTGAACATTAATCTGAGCTGCGGATGACATCTGCTGCTCACTCAAGAGCCGCTGT 573
Db 1258 TTGTCAACATTAATCTGAGAGAGAGCTGAGGTCTGCTGCGGCTAGTATGTTCCCTGT 1316

RESULT 14
US-09-771-161A-31
; Sequence 31, Application US/09771161A
; Patent No. US20020110811A1
; GENERAL INFORMATION:

APPLICANT: LEVINE, et al.

; TITLE OF INVENTION: VARIANTS OF PROTEIN KINASES
 ; FILE REFERENCE: 802620-2005.1
 ; CURRENT APPLICATION NUMBER: US/09/771,161A
 ; CURRENT FILING DATE: 2001-01-26
 ; PRIOR APPLICATION NUMBER: 09/724,676
 ; PRIOR FILING DATE: 2000-11-28/76
 ; PRIOR APPLICATION NUMBER: 136776
 ; PRIOR FILING DATE: 2000-06-15
 ; PRIOR APPLICATION NUMBER: 135619
 ; PRIOR FILING DATE: 2000-04-12
 ; NUMBER OF SEQ ID NOS: 273
 ; SOFTWARE: PatentIn version 3.0
 ; SEQ ID NO 31
 ; LENGTH: 1995
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 ; FEATURE:
 ; NAME/KEY: -
 ; LOCATION: (1)..(1995)
 ; OTHER INFORMATION: "n" can be any nucleotide 'a', 'c', 'g' or 't'
 US-09-771-161A-31

Query Match 11.6%; Score 91; DB 10; Length 1995;
 Best Local Similarity 56.5%; Pred. No. 4,3e-18;
 Matches 169; Conservative 0; Mismatches 130; Indels 0; Gaps 0;

QY 275 ATGGTGGCTGTATGAGGGCTGAGCAGAGAGAGAACTGCTGTTACTG 334
 DB 1135 AAGAGTGGTACTTTGAGAAATGTCGCGAAAGATGCTGAGGACACTATGTCCTTTG 1194
 QY 335 GGAACCCCTGAGAGGGGCTTCCTCATCCGGAGAGCAGACAGAGAGGCTCTTACTC 394
 DB 1195 GAAACCCAGAGGATCCTTTCTTATCGCGAGGTAAACCAACCAAGAGGCTTATTCAC 1254
 QY 395 TGTCACTCCGCTCAGCCGCCCTGCATCTGAGACCGATCAGACTACAGAGATCACT 454
 DB 1255 TTTTATCCGTGATTGGATGATGAAAGAGAGCCATGTCMAAATTAAATATTCGCA 1314
 QY 455 GCCTTGACATGGCTGCTGTATCATCTCAGCGGCTCACCCTCCCTCAGCTCAGGGCC 514
 DB 1315 AACTTGACATGGTGTGATCTACATTACACCCGGGCCAGTTGAAACCTTACAGACG 1374
 QY 515 TGTGACCATTTACTCTGAGCTGGCGGATGACATCTGCTGCTTCACTCAAGAGCCCTGT 573
 DB 1375 TTGTACACATTTACTCAGAGAGAGCTGAGGCTCTGCTGCGCTAGTAGTTCCCTGT 1433

RESULT 15

US-09-796-692-7419
 ; Sequence 7419, Application US/09796692
 ; Publication No. US20020198362A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Galger, Alexander
 ; APPLICANT: Algate, Paul A.
 ; APPLICANT: Mannion, Jane
 ; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE DETECTION, DIAGNOSIS AND THERAPY
 ; TITLE OF INVENTION: HEMATOLOGICAL MALIGNANCIES
 ; FILE REFERENCE: 2077,001200
 ; CURRENT APPLICATION NUMBER: US/09/796,692
 ; CURRENT FILING DATE: 2001-03-01
 ; PRIOR APPLICATION NUMBER: 60/186,126
 ; PRIOR FILING DATE: 2000-03-01
 ; PRIOR APPLICATION NUMBER: 60/190,479
 ; PRIOR FILING DATE: 2000-03-17
 ; PRIOR APPLICATION NUMBER: 60/200,545
 ; PRIOR FILING DATE: 2000-04-27
 ; PRIOR APPLICATION NUMBER: 60/200,303
 ; PRIOR FILING DATE: 2000-04-28
 ; PRIOR APPLICATION NUMBER: 60/200,779
 ; PRIOR FILING DATE: 2000-04-28
 ; PRIOR APPLICATION NUMBER: 60/200,999
 ; PRIOR FILING DATE: 2000-05-01
 ; PRIOR APPLICATION NUMBER: 60/202,084

; PRIOR FILING DATE: 2000-05-04
 ; PRIOR APPLICATION NUMBER: 60/206,201
 ; PRIOR FILING DATE: 2000-05-22
 ; PRIOR APPLICATION NUMBER: 60/218,950
 ; PRIOR FILING DATE: 2000-07-14
 ; PRIOR APPLICATION NUMBER: 60/222,903
 ; PRIOR FILING DATE: 2000-08-03
 ; PRIOR APPLICATION NUMBER: 60/223,416
 ; PRIOR FILING DATE: 2000-08-04
 ; PRIOR APPLICATION NUMBER: 60/223,378
 ; PRIOR FILING DATE: 2000-08-07
 ; NUMBER OF SEQ ID NOS: 9597
 ; SOFTWARE: FastSeq for Windows Version 3.0
 ; SEQ ID NO 7419
 ; LENGTH: 486
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 US-09-796-692-7419

Query Match 9.3%; Score 73.2; DB 9; Length 486;
 Best Local Similarity 57.4%; Pred. No. 8.8e-13;
 Matches 132; Conservative 0; Mismatches 98; Indels 0; Gaps 0;

QY 346 GGGGCTTCTCATCCGGAGAGCCAGACAGAGAGGCTTACTCTGTGAGTCGCG 405
 DB 7 GGAGCTTCTCTTATGAGAAAGTGAAACATTAAAGAGAGCTTCTCTGTCTGTGAGA 66
 QY 406 CTCAGCGCCCTGCACTCTGCGACCGGATCAGACACTACAGATTCACCTGCTGACAT 465
 DB 67 GACTTGGACCTGTGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 126
 QY 466 GCGTGGGTGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 525
 DB 127 GGGGCTTATTAATCTTCTCAAGATCACTTTTCCCTGTATCAGCAGATGATTAACAT 186
 QY 526 TACTTGAGCTGCGGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 575
 DB 187 TACCAAGAGGAGGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 236

Search completed: March 30, 2003, 16:30:48
 Job time : 97.4409 secs